

Claims

What is claimed is:

- [c1] A safety plug, comprising:
 - a body having a first end adapted to be inserted into a power port;
 - a locking device connected to the body for reversibly engaging an inside of the power port; and
 - a control device operatively coupled to the locking device for disengaging the locking device from the inside of the power port,
wherein the control device comprises a child-proof mechanism.
- [c2] The safety plug of claim 1, wherein a second end of the body comprises an attachment.
- [c3] The safety plug of claim 2, wherein the attachment is one selected from a display, a clock, and a sign.
- [c4] The safety plug of claim 1, wherein the control device comprises a shaft slideably disposed in the body.
- [c5] The safety plug of claim 1, wherein a first end of the control device is connected to the locking device.
- [c6] The safety plug of claim 1, wherein a second end of the control device protrudes from a second end of the body.
- [c7] The safety plug of claim 5, wherein the second end of the control device comprises an attachment.
- [c8] The safety plug of claim 7, wherein the attachment is one selected from a display, a clock, and a sign.

- [c9] The safety plug of claim 1, wherein the locking device comprises an adjustable diameter member.
- [c10] The safety plug of claim 1, wherein the locking device comprises at least one protruding member and a retracting mechanism.
- [c11] The safety plug of claim 1, further comprising:
 - at least one electrical contact on the first end of the body for conducting electricity from the power port; and
 - an electrical device disposed proximate to a second end of the body and electrically connected to the at least one electrical contact, wherein the electrical device is configured to be powered by the electricity from the power port.
- [c12] The safety plug of claim 11, wherein the electrical device comprises one selected from a light, a display, and an electrical connector.
- [c13] The safety plug of claim 12, wherein the display is one selected from a light-emitting diode display, a liquid-crystal display, a thin-film-transistor display and a plasma display.
- [c14] The safety plug of claim 11, wherein the electronic device is attached to the second end of the body.
- [c15] The safety plug of claim 11, wherein the electronic device is attached to a second end of the control device.